Index of Claims

| _ | Application No. | Applicant(s)  |
|---|-----------------|---------------|
|   | 09/651,844      | HERROD ET AL. |
|   | Examiner        | Art Unit      |

Karl D Frech

Rejected - (Through numeral)
Cancelled

+ Restricted

Non-Elected

I Interference

A Appeal
O Objected

2876

| Cla      | aim      |          |          |  |        | Date   | <u> </u>   |          |          | $\neg$    | Г        | laim          | Т        | Date   |  |          |   |           |          |           |           | С        | aim      | Date     |                |           |           |          |          |          |          |           |
|----------|----------|----------|----------|--|--------|--|--|----------|----------|-----------|----------|---------------|----------|--|--|----------|---|-----------|----------|-----------|-----------|----------|----------|----------|----------------|-----------|-----------|----------|----------|----------|----------|-----------|
|          |          |          | Г        |  | Ī      | T  | Ι  |          |          | $\dashv$  |          |               | $\top$   | П  |  | ΠĪ       |   |           |          |           | _         |          |          | Т        | Т              | Т         | Ť         | Ť        | П        | T        | $\neg$   | $\neg$    |
| Final    | Original |          |          |  |        |  |  |          |          |           | Final    | Original      |          |  |  |          |   |           |          |           |           | Final    | Original |          |                |           |           |          |          |          |          |           |
|          | Ō        |          |          |  |        |  |  |          |          | -         | -        | Ō             |          |  |  |          |   |           |          |           |           |          | Ō        |          |                |           |           |          |          |          |          |           |
|          | 1        |          |          |  |        |  |  |          |          |           |          | 51            |          |  |  |          |   |           |          |           |           |          | 101      |          |                | $\neg$    |           |          |          |          |          | $\Box$    |
|          | 2        |          |          |  |        |  |  |          |          | $\neg$    |          | 52            | П        |  |  |          |   |           | 一        |           | $\neg$    |          | 102      |          |                | T         | ヿ゙        |          | ヿ゙       | T        |          | $\neg$    |
|          | 3        |          |          |  |        |  |  |          |          |           |          | 53            |          |  |  | Ī        |   |           | $\neg$   | $\neg$    | $\neg$    |          | 103      |          |                | $\neg$    | ヿ         |          | $\neg$   | $\neg$   | T        | ヿ         |
|          | 4        |          |          | П  |        |  |  |          |          |           |          | 54            |          |  |  | M        |   |           | 一        | T         |           |          | 104      |          |                | $\neg$    | T         |          | $\neg$   |          | T        | ヿ         |
|          | 5        |          |          |  |        | t  |  |          |          | ヿ         | 1        | 55            | =        |  |  |          |   |           | T        |           | $\neg$    |          | 105      |          | 7              | 7         | 寸         | T        | 寸        | T        | 寸        | $\neg$    |
|          | 6        |          |          | Т  |        | Τ  | $\vdash$   |          | $\neg$   | _         | 2        | 56            | =        | Т  |  |          | П |           | 寸        |           | $\neg$    |          | 106      |          | $\neg$         | $\top$    | 寸         |          | 寸        | T        | T        | ᆿ         |
|          | 7        | ļ        |          | Т  |        | Г  | Т  | _        |          | ヿ゙        | 3        | 57            | =        |  |  | T        | П |           | 寸        | T         | $\dashv$  |          | 107      |          | $\top$         | $\dashv$  | 寸         |          | 寸        | 寸        |          | $\neg$    |
|          | 8        | Г        | Г        |  |        |  | Т  |          |          | T         | 4        | 58            | =        |  |  |          | П |           | T        |           | ヿ         |          | 108      |          |                | _         | _         |          | $\dashv$ | 寸        | T        | $\neg$    |
|          | 9        |          |          | T  |        | t  | T  |          |          |           | 5        | 59            | †=       | Т  | $\vdash$   | $\vdash$ | Н |           | 一        | $\neg$    | $\dashv$  |          | 109      |          |                | $\top$    | $\dashv$  | 寸        | $\dashv$ |          | $\neg$   | ᅦ         |
|          | 10       |          |          |  |        | † <u> </u>                                       |  |          |          | ヿ         | 6        | 60            | =        | 一  |  | T        |   |           | 一        | $\dashv$  | $\dashv$  |          | 110      |          |                | $\top$    | 十         |          | _        | _        | 7        | $\neg$    |
|          | 11       |          |          |  |        | T  |  | _        |          | ヿ         | 7        | 61            | =        |  |  | Ħ        | Н |           | ┪        | $\dashv$  | _         |          | 111      |          |                | $\dashv$  | 寸         | $\neg$   | $\dashv$ |          | ┪        | 一         |
| <b>—</b> | 12       | Т        |          | ⇈  | T      | t  | $\Box$   | П        |          | $\dashv$  | 8        | 62            | =        |  |  |          | Н |           | $\neg$   | $\dashv$  | $\neg$    |          | 112      |          |                | $\dashv$  | $\dashv$  | +        | _        | T        | 寸        | $\neg$    |
|          | 13       |          | T        |  |        | T  |  |          |          | ᅱ         | ا ا      | 63            | t        |  |  |          | Н |           | $\dashv$ | $\dashv$  | $\neg$    | <u> </u> | 113      | $\vdash$ |                | $\top$    | 7         | 1        | $\dashv$ | T        | 7        | $\dashv$  |
|          | 14       |          | l -      |  |        |  | T  |          | Н        | ヿ         | 9        | 64            | =        | Т  |  | $\vdash$ | М |           | _        | $\dashv$  | $\dashv$  |          | 114      | Н        |                | $\top$    | $\dashv$  | 1        | _        | $\dashv$ |          | $\neg$    |
|          | 15       |          | ·        | 1  |        | $\vdash$   | $\vdash$   | _        |          |           | 10       |               | =        |  |  |          | П |           | $\neg$   |           | _         |          | 115      |          |                | $\dashv$  | 十         |          |          |          | T        | $\neg$    |
|          | 16       | ····     | Г        | $\vdash$   |        |  |  | П        | $\Box$   | $\dashv$  | 11       | $\overline{}$ | =        |  |  | П        | П |           | $\dashv$ | $\dashv$  | $\neg$    |          | 116      | П        |                | $\top$    | _         |          | 一        |          | $\dashv$ | $\dashv$  |
|          | 17       |          |          |  |        |  |  |          |          |           | 12       |               | =        |  |  |          |   |           | 一        | $\neg$    | $\neg$    |          | 117      | П        |                | $\top$    | ╅         |          | $\dashv$ | $\dashv$ |          | $\dashv$  |
|          | 18       |          |          |  |        |  |  |          |          |           | 13       |               | T=       |  |  |          |   |           |          |           | $\exists$ |          | 118      |          |                | 1         | 7         | $\neg$   | $\neg$   | 寸        | 寸        | $\neg$    |
|          | 19       |          |          |  |        | t  |  | -        |          | $\neg$    | 14       |               | =        | _  |  |          |   | $\Box$    | $\dashv$ | $\dashv$  | $\dashv$  |          | 119      | Н        |                | $\top$    | ┪         | 7        |          |          | -        | _         |
|          | 20       |          |          |  |        | t  |  |          |          | $\neg$    | 15       |               | =        | ┢  |  |          | П |           | 一        | $\dashv$  | $\dashv$  |          | 120      |          |                | $\dashv$  | _         | ┪        | _        | _        | ┪        | $\neg$    |
|          | 21       |          |          | T  |        | <del>                                     </del> | $\vdash$   |          |          |           | 16       |               | =        |  |  |          |   |           |          |           | $\dashv$  |          | 121      |          |                | $\top$    | 7         | 7        | 寸        | T        | T        | $\exists$ |
|          | 22       |          |          |  |        | 1  | Г  | ┢        |          | $\neg$    | 17       | 72            | =        |  |  | Г        | Н | $\exists$ | 一        | $\neg$    | $\neg$    |          | 122      |          |                | _         | _         |          | 寸        | 7        | $\dashv$ | $\neg$    |
|          | 23       |          |          | T  |        |  |  |          |          | $\neg$    | 18       |               | =        |  |  |          |   |           |          |           | _         |          | 123      |          |                | $\dashv$  | 寸         | ┪        | _        | 寸        | _        | ᅥ         |
|          | 24       | Г        |          |  |        | Г  | Т  |          |          | ヿ         |          | 74            |          | T  |  |          |   |           |          | $\neg$    | ᅱ         |          | 124      |          |                | $\dashv$  | $\dashv$  |          | $\dashv$ |          | $\neg$   | $\neg$    |
|          | 25       |          |          |  |        |  | Г  |          |          | ヿ         |          | 75            | T        |  |  |          |   |           |          | $\exists$ |           |          | 125      |          | $\top$         | $\top$    | 寸         |          | 寸        | T        | 寸        | $\neg$    |
|          | 26       |          |          |  |        | Т  | Г  |          |          | ヿ         |          | 76            |          |  |  |          |   | _         |          | ╗         |           |          | 126      |          |                | $\dashv$  | 寸         | T        | 寸        | T        | 寸        | ヿ         |
|          | 27       | Т        |          |  |        | T  | Г  | •        |          | $\neg$    |          | 77            | T        | _  |  |          |   |           | 一        |           | ヿ         |          | 127      |          |                | $\top$    | 寸         | ╗        | 寸        | 寸        | 寸        |           |
|          | 28       |          | -        | T  |        | İ  |  | -        |          | $\neg$    |          | 78            | T        | _  |  |          | П |           | 一        |           | $\dashv$  |          | 128      |          | _              | _         | 一         | 寸        | _        | _        | 寸        | $\neg$    |
|          | 29       |          |          |  |        | Г  |  |          |          | $\neg$    |          | 79            | Ħ        | $\Box$   |  |          |   |           | $\neg$   |           |           |          | 129      |          |                | 1         | T         | 7        | $\neg$   | T        | 1        | $\exists$ |
|          | 30       |          |          | Г  | 1      | Г  | Г  |          |          | $\neg$    |          | 80            | T        |  | _  |          | П |           |          |           |           |          | 130      |          |                | $\top$    | 寸         | _        | $\dashv$ | T        | $\dashv$ | $\neg$    |
|          | 31       |          |          | $\vdash$   |        |  |  |          |          |           |          | 81            | 1        | -  | $\vdash$   | 1        |   | $\neg$    | 寸        |           | -         |          | 131      |          | $\neg$         | +         | $\dashv$  | 寸        | $\neg$   | ┪        | 7        | $\neg$    |
|          | 32       | _        | $\vdash$ | $\vdash$   | T      |  |  | $\vdash$ |          | _         | <u> </u> | 82            |          |  |  |          | П |           |          |           |           |          | 132      |          |                | $\dashv$  | 7         | ┪        | $\dashv$ | T        | $\dashv$ | $\neg$    |
|          | 33       | $\vdash$ | $\vdash$ | T  | Г      | Τ_   | Г  | П        |          | $\dashv$  |          | 83            |          | $\vdash$   |  |          | Н |           | 一        | $\dashv$  |           |          | 133      | Н        | $\vdash$       | $\top$    | +         | 1        | _        | _        | $\dashv$ | $\dashv$  |
|          | 34       | 1        |          |  |        | T  | Г  | П        |          | $\dashv$  |          | 84            | $\vdash$ |  | <u> </u>   |          | Н |           | ᅥ        | $\dashv$  |           |          | 134      | Н        | $\vdash$       | $\top$    | $\dashv$  | $\dashv$ | $\dashv$ | _        | $\dashv$ | $\dashv$  |
|          | 35       | Г        | <u> </u> |  | 1      |  | Г  | П        |          | $\neg$    |          | 85            | 1        | <del>                                     </del> |  | П        | П | $\Box$    | $\neg$   |           |           | ļ        | 135      | $\vdash$ |                | 7         | ┪         | $\neg$   |          | _        | 寸        | ᅱ         |
|          | 36       | $\vdash$ | _        | <del>                                     </del> | t —    | Г  | Г  | М        | $\vdash$ | _         |          | 86            | $\vdash$ | $\vdash$   | _  |          | Н |           | $\dashv$ |           | $\dashv$  |          | 136      | Н        | $\dashv$       | $\dashv$  | 7         | $\dashv$ | $\dashv$ | _        | $\dashv$ | ᅱ         |
|          | 37       |          | Г        | Г  |        |  | Г  | П        |          | $\exists$ |          | 87            | 1        | $\vdash$   | _  | $\vdash$ | М | _         | $\dashv$ | $\Box$    | $\neg$    | <b>—</b> | 137      | $\vdash$ | -+             | $\top$    | 7         | -        | 寸        | _        | 一        | ᅥ         |
|          | 38       |          |          |  |        |  | Г  | П        |          | 7         |          | 88            | 1        | <u> </u>   |  |          | П | $\neg$    | $\dashv$ |           | $\neg$    |          | 138      |          | $\neg \dagger$ | ┪         | ┪         | $\dashv$ | 寸        | $\dashv$ | -        | ヿ         |
|          | 39       |          |          |  | 1      |  | Г  | М        |          | $\neg$    |          | 89            | $\top$   |  | $\vdash$   |          | П | $\dashv$  | 一        | $\Box$    | $\neg$ 1  |          | 139      | $\vdash$ | $\dashv$       | 十         | 7         | _        | 7        | _        | $\dashv$ | ㅓ         |
|          | 40       | $I^-$    | Г        |  | 1      |  | <u> </u>   | П        |          | 7         |          | 90            | T        | Т  | <del>                                     </del> |          | М | $\dashv$  | 一        | $\neg$    | $\neg$    |          | 140      | Н        | _              | 十         | ┪         | 7        | 寸        | -        | 一        | ᅥ         |
|          | 41       |          | Г        | Г  |        | T  |  | Н        | $\Box$   | $\dashv$  |          | 91            | T        | $\vdash$   |  |          | Н | $\neg$    | $\dashv$ |           |           |          | 141      | H        | $\vdash$       | $\dagger$ | 7         | +        | 十        | +        | +        | ㅓ         |
|          | 42       | Г        |          | T  |        | T  | П  | Н        |          | $\dashv$  |          | 92            | T        | $\vdash$   | $\vdash$   | $\vdash$ | Н | $\vdash$  | 一        | $\dashv$  | $\neg$    |          | 142      |          | $\dashv$       | $\dagger$ | 十         | $\dashv$ | 十        | $\dashv$ | $\dashv$ | ᅥ         |
|          | 43       |          | Г        | <u> </u>   |        | Г  | <del>                                     </del> | Т        |          | $\neg$    |          | 93            | 1        |  |  |          | П |           | T        | 7         | $\dashv$  |          | 143      | Н        | $\top$         | $\top$    | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | ㅓ         |
|          | 44       | 1        |          |  |        | Г  |  | М        | $\neg$   | $\dashv$  |          | 94            | T        | Г  | $\vdash$   | $\vdash$ | H | $\neg$    | 一        | 7         | $\dashv$  |          | 144      |          | $\top$         | 十         | 7         | -        | +        | _        | 寸        | ᅱ         |
|          | 45       |          |          |  | Г      |  | $\Box$   | П        |          | $\dashv$  | <u> </u> | 95            |          |  |  |          | П |           | 一        | $\dashv$  | $\dashv$  |          | 145      | Н        | $\top$         | 十         | +         | $\dashv$ | 寸        | $\dashv$ | 寸        | ㅓ         |
|          | 46       | Т        |          |  |        |  |  | $\vdash$ | - 1      | $\neg$    |          | 96            | t        |  |  |          | П |           | _        | 寸         | $\neg$    |          | 146      |          | $\top$         | +         | +         |          | +        | $\dashv$ | -1       | ᅱ         |
|          | 47       |          |          |  | Ī      | 1  |  | П        | $\dashv$ | $\neg$    |          | 97            | T        | Г  | <u> </u>   |          | Н |           | 一        | _         | $\dashv$  |          | 147      | $\dashv$ | $\vdash$       | $\dagger$ | $\dashv$  | 一        | _        | _        | 寸        | 一         |
|          | 48       | Г        | _        |  |        | П  |  | П        | $\dashv$ | $\neg$    |          | 98            | t        | T  |  | П        | Н |           | _        | $\dashv$  | $\dashv$  | _        | 148      |          | $\top$         | $\dashv$  | ┪         | -        | _        | $\dashv$ | _        | $\dashv$  |
|          | 49       |          |          |  |        |  | П  | П        |          | $\dashv$  |          | 99            | $\vdash$ | Г  | $\vdash$   | $\vdash$ | Н |           | 一        | $\dashv$  | $\dashv$  |          | 149      | $\vdash$ | $\dashv$       | $\dagger$ | $\forall$ | $\dashv$ | 寸        | $\dashv$ | T        | ㅓ         |
|          | 50       |          |          |  | $\Box$ |  |  | П        | $\neg$   | $\neg$    |          | 100           | Т        | Г  |  | П        | П |           | T        | _         | $\neg$    |          | 150      |          | $\dashv$       | 十         | $\dashv$  | 寸        | _        | 7        | _        | ᅱ         |
|          |          | _        | _        |  |        |  |  |          |          |           |          | 1             | ٠.       | _  | _  |          |   |           |          | —         |           |          |          | ш.       |                | _         |           | _        |          |          |          |           |